

# Dominik V Horvath

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Cyclic production of biocompatible few-layer graphene ink with in-line shear-mixing for inkjet-printed electrodes and Li-ion energy storage. <i>Npj 2D Materials and Applications</i> , 2022, 6, .	3.9	15
2	Quantifying the Effect of Separator Thickness on Rate Performance in Lithium-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2022, 169, 030503.	1.3	17
3	Liquid phase exfoliation of nonlayered non-van der Waals iron trifluoride (FeF <sub>3</sub> ) into 2D-platelets for high-capacity lithium storing cathodes. <i>FlatChem</i> , 2022, 33, 100360.	2.8	15
4	Liquid Exfoliated SnP <sub>3</sub> Nanosheets for Very High Areal Capacity Lithium-Ion Batteries. <i>Advanced Energy Materials</i> , 2021, 11, 2002364.	10.2	40
5	2D nanosheets from foolâ€™s gold by LPE: High performance lithium-ion battery anodes made from stone. <i>FlatChem</i> , 2021, 30, 100295.	2.8	6
6	Quantifying the Dependence of Battery Rate Performance on Electrode Thickness. <i>ACS Applied Energy Materials</i> , 2020, 3, 10154-10163.	2.5	16
7	Quantifying the Effect of Electronic Conductivity on the Rate Performance of Nanocomposite Battery Electrodes. <i>ACS Applied Energy Materials</i> , 2020, 3, 2966-2974.	2.5	75
8	Production of Quasi-2D Platelets of Nonlayered Iron Pyrite (FeS <sub>2</sub> ) by Liquid-Phase Exfoliation for High Performance Battery Electrodes. <i>ACS Nano</i> , 2020, 14, 13418-13432.	7.3	45
9	Using chronoamperometry to rapidly measure and quantitatively analyse rate-performance in battery electrodes. <i>Journal of Power Sources</i> , 2020, 468, 228220.	4.0	16
10	Low-temperature synthesis and electrocatalytic application of large-area PtTe <sub>2</sub> thin films. <i>Nanotechnology</i> , 2020, 31, 375601.	1.3	23
11	Effect of the Gate Volume on the Performance of Printed Nanosheet Network-Based Transistors. <i>ACS Applied Electronic Materials</i> , 2020, 2, 2164-2170.	2.0	6
12	The Rate Performance of Two-Dimensional Material-Based Battery Electrodes May Not Be as Good as Commonly Believed. <i>ACS Nano</i> , 2020, 14, 3129-3140.	7.3	58
13	Liquid phase exfoliation of GeS nanosheets in ambient conditions for lithium ion battery applications. <i>2D Materials</i> , 2020, 7, 035015.	2.0	25
14	Quantifying the Role of Electrode Thickness in Battery Rate Performance. <i>ECS Meeting Abstracts</i> , 2020, MA2020-02, 3452-3452.	0.0	0